REFRENCES:

(1) K.L. Chopra (1969), thin hiFilm phenomena, Robert E.Krieger Publishing Company, Huntington, New York.

(2) K.L. Chopra and L.K. Malhotra (1985), "Thin Film Technology and Applications", Tata mc-Graw Hill, New Delhi.

(3) R.S. Mane and C.D.LOkhande (2000), Chemical deposition method for metal chalcogenide thin Films, Materials Chemistry and Physics, VOL.65, pp.1-31.

(4) A.S. Khomane (2012), Crestallographic and microscopic properties of ternary CdS0.5Se0.5 thin films, Optik vl. xxx pp. xxx-xxx.

(5) A.A. Yadav, M.A. Barote, P.M.Dongre and E.U. Masumdar (2010), Studies on growth and characterization of $CdS_{1-x}Se_x$ ($0.0 \leq X \leq 1.0$) alloy thin films by spray pyrolysis, Jornal of Alloys and Compounds, vol.493, pp.179-185.

(6) J.B.Chadhari, N.G.Deshpande, Y.G. Gudage, A.Ghosh, V.B.Huse, Ramphal Sharma (2008), Studies on growth and characterization of ternary CdS_{1-x} Se_x alloy thin films deposited by chemical bath deposition technique, Applied Surface Science, vol.254 pp. 6810-6816.

(7) M.C. Schlamp, Xiagogang Peng, and A.P.Alivisatos (1997), Improved efficiencies in light emitting diodes made with CdSe (CdS) core/shell typed nacocrystals and a semiconducting polymer, J.Appl. Phys., Vol. 82, pp. 5837-5842.

(8) H. Mattoussi, L. H.Radzilowski , B. O.Dabbousi, E. L.Thomas, M. G. Bawendi, and M. F. Rubner (1998), Electroluminescence from hererostructures of poly (phencylene vinylene) and inorganic CdSe nanocrystals, J.Appl.Phys., Vol.83, pp. 7965-7974

(9) Q.Q.Liu, J.H.Shi, Z.Q.Li, D.W.Zhang, X.D.Li, ZSun, L.Y.Zhang, S.M.Huang (2010), Morphological and stoichiometric study of chemical

bath deposited CdS films by varying ammonia concertration,Physica B, Vol. 405, pp.4360-4365.

(10) A.S.Khomane (2010), Morphological and opto-electronic characterization of chemically depoted cadmium sulphide thin films, Journal of Alloys and Compounds, Vol. 496, pp.508-511.

(11) M.A Barote, A.A.Yadav, E.U.Masumdar(2011), Synthesis, characterization and photoelectrochemical properties of n-Cds thin films, Physica B, Vol. 406, pp.1865-1871.

(12) D. Cha, S. Kim, N.K. Huang (2004), Study on electrical properties of CdS films prepared by chemical pyrolysis deposition, material Science and Engineering, Vol B106, pp.63-68.

(13) J. Lee (2005), Comparison of CdS Films deposited by different techniques: Effects on CdTe solar cell, Applied Surface Science, Vol.252,pp 1398-1403.

(14) Y. Fan, M. Deng, Guoping Chen, Q. Zhang, Y. Luo, D. Li, Q. Meng (2011), Effect of calcination on the photocatalytic performance of CdS under visible light irradiation, Journal of Alloys and Componunds, Vol.509, pp.1477-1481.

(15) S.J.Lade, U.P Uplane and C.D.Lokhande (1998), Studies on the Electrodeposition of CdS films, Materials Chemistry and Physics, Vol.53 pp.239-242.

(16) K.Sivramamoorthy, S.Asath Bahadura, M.Kottaisamya, K.R.Murali(2010), Properties of CdS films deposited by the electron beam evaporation technique, Journal of Alloys and Compounds, Vol.503, pp.170-176.

(17) S.Erat, H.Metin, M.Ari (2008), Influence of the annealing in nitrogen atmosphere on the XRD, EDX, SEM and electrical

properties of chemical bath deposited CdSe thin films, Material Chemistry and Physics, Vol.111. pp.114-120.

(18) A.S.Khomane, P.P.Hankare, Structural, optical and electrical characterization of chemically deposited CdSe thin films, journal of Alloys and compounds, Vol.489,pp.605-608.

(19) A.A.Yadav, M.A.Barote, E.U. Masumdar (2010), Studies on cadmium selenied (CdSe) thin films deposited by spray pyrolysis, Materials Chemistry & Physics, Vol.121, pp.53-57.

(20) U. pal, D. Samanta S. Ghorai, A.K.Chaudhari (1993), Optical constant of vacuum-evaporated polycrystaline cadmium selenied thin films, J.Appl.Phys., Vol.74 (10) pp. 6368-6374.

(21) R.B.Kale & C.D. Lokhande (2005), Band gap shift,structural characterization and phase transformation of CdSe thin films from nanocrystalline cubic to nanorod hexagonal on air annealing, Semicond. Sci. Technol., Vol.20, pp.1-9.

(22) R.K.Pandey, Shikha Mishra, Sanjay Tiwari, P. Sahu (2000), B.P.Chandra, Comparative study of performance of CdTe, CdSe and CdS thin “Ims-baxed photoelectrochemical solar cell, Solar Energy Material & Solar Cells, Vol. 60, pp.59-72.

(23) S. H.k Im, Y. H. Lee, S. II Seok (2010), Photoelectrochemical solar cells fabricated from porous CdSe and CdS layers, Electrochimica Acta, Vol.55 , pp. 5665-5669.

(24) Y. Akaltun, M. A. Yildirim, A. Ates, M. Yildirim (2011), The relationship between refractive index-energy gap and film thickness effect on characteristic parameters of CdSe thin films, Optical communications, Article in Press.

(25) T.Elango, V.Subramanian, K.R.Murali (2000), Characteristics of

Spray-deposited CdSe thin films, surface and coatings Technology, Vol.123, pp.8-11.

(26) P.A.Chate, P.P.Hankre, D.J. Sathe (2010), Characterization of cadmium selenied films for photovoltaic applications, Journal of Alloys and Compounds, Vol.505, pp.140-143.

(27) A.S.Khomane, P.P.Hankare (2010), Structural, Optical and electrical characterization of chemically deposited CdSe thin films, Journal of Alloys and Compunds, Vol.489, pp. 605-608.

(28) M. K. Mathe, S. M.Cox, B. H. Flowers Jr., R.Vaidyanathan, L. Pham, N. Srisook, U. Happek, J. L. Stickney (2004), Deposition of CdSe by EC-ALE, Journal of Crystal Growth, Vol.271, pp.55-64.

(29) C. Shen, X. Zhang, H.Li (2001), Effect of pH on the electrochemical deposition of cadmium selenied nanocrystal films, Material Science and Engineering, Vol.B84, pp. 265-270.

(30) G.Perna, V.Capozzi, A.Minafra, M.Pallara, and M. Ambrico (2003), Effects of the indium doping on structural and optical properties of CdSe thin films deposited by laser ab;ation technique, Eur. Phys. J. Vol. B32, pp.339-344.

(31) P.P.Hankare, P.A.Chate, D.J.Sathe, A.A. Patil (2009), Effect of air annealing on structural, optical microscopic, electrical properties of cadmium selenide thin films, J Mater Sci: Mater Electron, Vol.20, pp.776-781.

(32) Y.G.Gudage, N.G.Deshpande, Rampal Sharma (2009), Influence of pH on microstructure and optical properties of electrosynthesized CdSe thin film, Journal of Physics and Chemistry of Solids, Vol.70, pp.907-915.

(33) G.S.Shahane, B.M.More, C.B.Rotti, L.P.Deshmukh (1997), Studies

on chemically deposited CdS_{1-x} Se_x mixed thin films, Materials Chemistry and Physics, Vol.47, pp.263-267.

(34) A.A.Yadav, E.U.Masumdar (2010), Optical and electrical transport properties of spray deposited CdS_{1-x} Se_x thin films, Journal of Alloys and Compounds, Vol.505, pp.787-792.

(35) R.S.Mane, C.D.Lokhande (1997), Studies on Chemically deposited cadmium sulphoselenied (CdSSe), Thin Solid Films, Vol.304, pp.56-60.

(36) J.B.Chudhari, N.G.Deshpande, Y.G.Gudage, A.Ghosh, V.B.Huse, Rampal Sharma (2008), Studies on Growth and Characterization of ternary CdS_{1-x} Se_x alloy thin films deposited by chemical bath deposition technique, Applied surface Science, Vol.254, pp.6810-6816.

(37) P. Gupta, S.Chudhari and A.K.Pal (1993), Photoconductivity in CdS_{1-x} Se_x films J.Phys. D. Appl. Phys., Vol.26, pp.1709-1713.

(38) A.A.Yadav, E.U.Masumdar (2010), Photoelectrochemical Performances of n- CdS_{1-x} Se_x thin films prepared by spray pyrolysis technique, Solar energy, Vol.84, pp.1445-14452.

(39) F.I.Ezema, R.U.Osuji (2007), Band Gap Shift and Optical Characterization of Chemical Bath Deposited CdSSe Thin Films on Annealing, Chalcogenide Letters, Vol.4, No.6, pp.69-75.

(40) V.Kumar and T.P. Sharma (1998), Structural And Optical Properties of Sintered CdS_{1-x} Se_x films, J. Phys. Chem. Solids, Vol.59, No.8, pp. 1321-1325.